Options

The WebDT 512 has a number of optional configurations in both software and hardware. These include:

1. SSD or HDD storage
2. IR touch screen
3. Built-in 802.11a/b/g WLAN support

SPECIFICATIONS

System	
Processor	1.5GHz x86
Memory (RAM)	1GB
Storage	2GB to 16GB Flash, 32GB to 64GB SSD, or 2.5" HDD
Operating Systems	Microsoft® Windows® XP Embedded or Windows® XP Pro
Display	12" TFT-LCD
Display Resolution	1024 x 768
Touch Screen	IR touch (optional)
Network Interface	Ethernet 10/ 100 MB Base-T LAN; 802.11a/b/g WLAN (optional)
Control Buttons	5 side buttons: power and programmable buttons
Stereo Speaker	Built-in speaker
Input/Output Ports	2 USB 2.0 ports; 1 COM port; 1 Audio-out jack; 1 Microphone-in jack; 1 Line-in jack; 1 RJ45 connector for Ethernet
Power	
AC/DC Adapter	**Input:** 100 – 240V AC; **Output:** 18.5V DC, 3.5A
Mechanical	
Enclosure	ABS + PC plastics
Dimensions (H x W x D)	9.09 x 12.1x 2.51 in/ 231 x 309 x 64 mm
Weight	8.8 lbs/ 4 kg
Environmental	
Water and Dust Resistance	IP65 sealed front IR touch panel (not applicable for non-IR SKU)
Regulatory	FCC Class B, CE, C-Tick, RoHS compliant
Temperature	**Operation:** 0°C - 40°C
Humidity	0% - 90% non-condensing

* Specifications subject to change without notice.

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BOG111810DT512ENG

Integrated LCD Systems

WebDT 512

BASIC OPERATION GUIDE

ENGLISH

INTRODUCTION

Thank you for acquiring the DT Research WebDT 512, a 12-inch TFT display-integrated, thin computing platform, offering adaptability to mounting configurations and application paradigms, including information appliance, thin client for server computing, and disk drive-equipped options.

Please take a few moments to review the contents of this document to ensure that the setup and startup proceed smoothly. The WebDT 512 is ready for use, out of the box, in its default configuration when powered by the power source provided. The following discussion offers guidance on the hardware elements and features of the WebDT 512. Please refer to your device provider for information pertaining to the software operating system or software applications.

Package Contents

- One WebDT 512
- AC/DC power adapter with power cord
- Basic operation guide

Precautions

- Always exercise care when operating and handling the WebDT 512.
- Never disassemble any portion of the enclosure, as this will void any product warranty on the WebDT 512.
- Do not use any AC/DC adapter other than the one provided with the device or a replacement acquired from the manufacturer.
- In the unlikely event that smoke, abnormal noise, or strange odor is present, immediately power down the WebDT 512 and disconnect all power sources.
- Please report the problem to your device provider immediately.

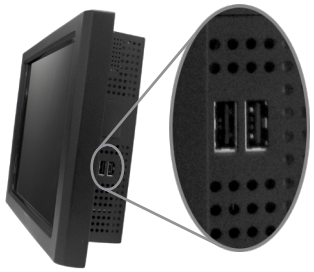
Packaging

- The WebDT 512 is packaged with recyclable materials and designed for maximum protection in transportation and handling.
- When possible, please save the packaging carton and protective inserts for re-use if there is ever a need to ship the WebDT 512.

I/O Panels

Side I/O Panel

The WebDT 512 has two USB 2.0 ports located and easily accessible along the right edge of the display unit.



Lower I/O Panel

The WebDT 512 has a comprehensive set of I/O ports. The following ports are located along the lower rear edge of the display unit.

1. RS232 COM port
2. Audio-out jack
3. Line-in jack
4. Microphone-in jack
5. Ethernet port (RJ45)
6. 18.5V/ 3.5A DC-in jack

Lower Panel Function Buttons

The bottom of the WebDT 512 features power, utility, soft keyboard and programmable buttons.

7. Power button

   - May be configured to perform different functions, depending on the software operating system.
   - Depending on the OS, a brief, firm push will trigger software-enabled entry into Shutdown or Standby modes. Push in similar manner to Restart or to exit Standby mode.
   - Push and hold for over 4 seconds to forcefully shut down the device.
   - This method of powering off should only be used when proper shutdown through software is not possible.

8. Programmable buttons

   The four buttons are intended to be user programmable via software in applicable operating systems.

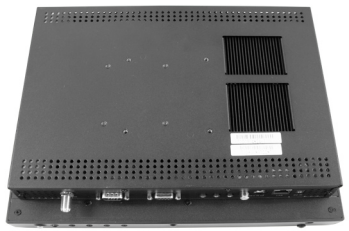
9. Scanner port

Rear Mounting

The WebDT 512 is designed to be secured to 75mm x 75mm VESA-compliant mounting arms or stands.

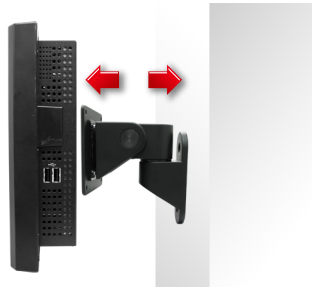
This is accomplished by detaching the standard metal base from the rear of the display unit. The 75mm x 75mm VESA-compliant mounting holes at the rear of the device will mate with VESA mounts or arms to meet the requirements of the deployment.

1. Unscrew the four screws attaching the 100mm x 100mm VESA-compliant adapter to the display, then remove the adapter.



2. The display without the adapter.

3. Attach the new 75mm x 75mm VESA-compliant mounting device or stand to the display.



4. The display successfully mounted onto a VESA-compliant mounting arm.